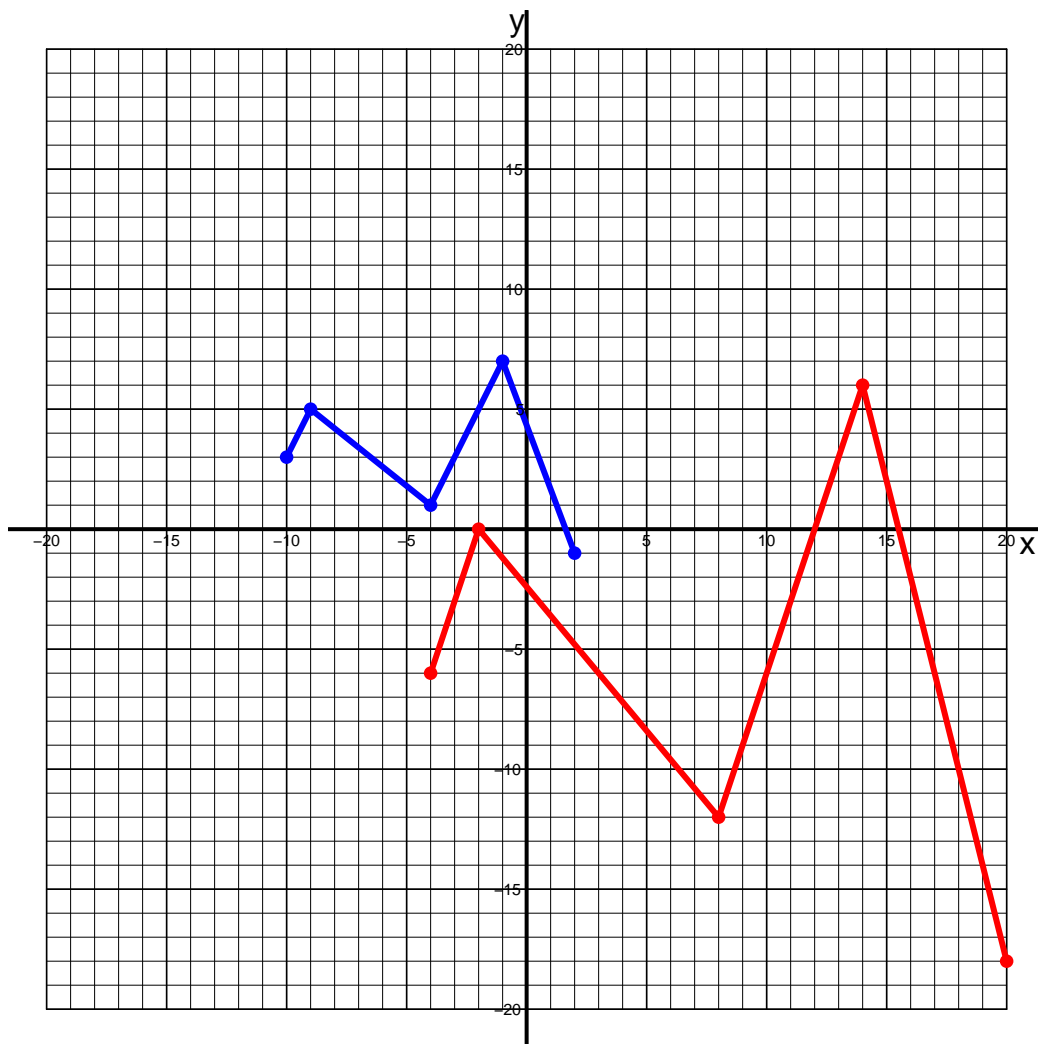# PCW_09_23: Graphing Function Transformations (version 4)
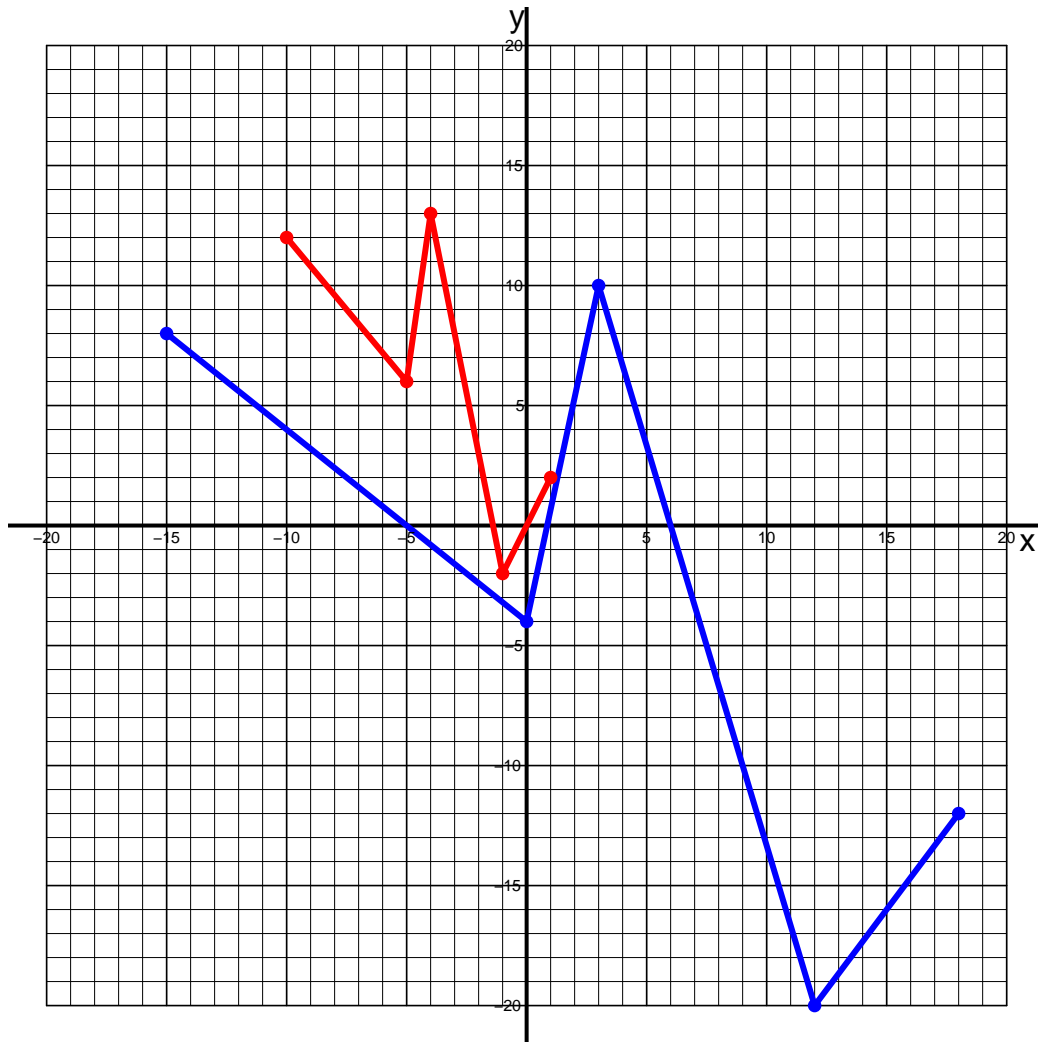
1. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3 \cdot \left(f\left[\frac{x}{2} - 8\right] - 5 \right)$$

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2. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x+5)]}{2} + 8$$